

**National Electricity
Transmission System Status Report**

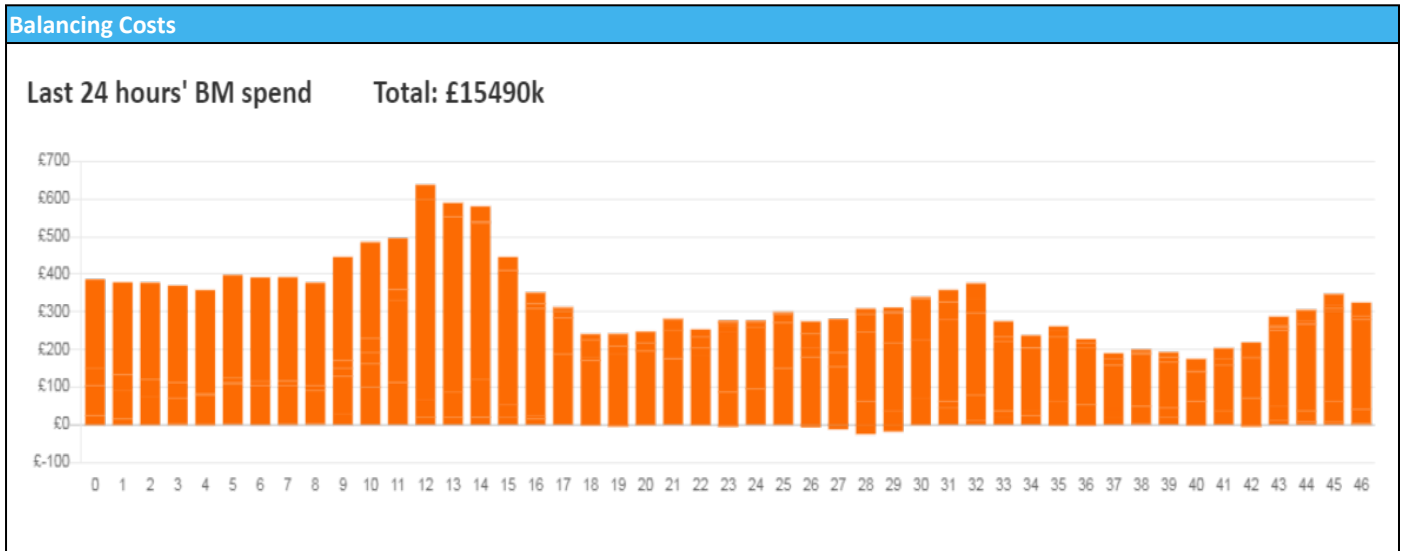


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 26 September 2023

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

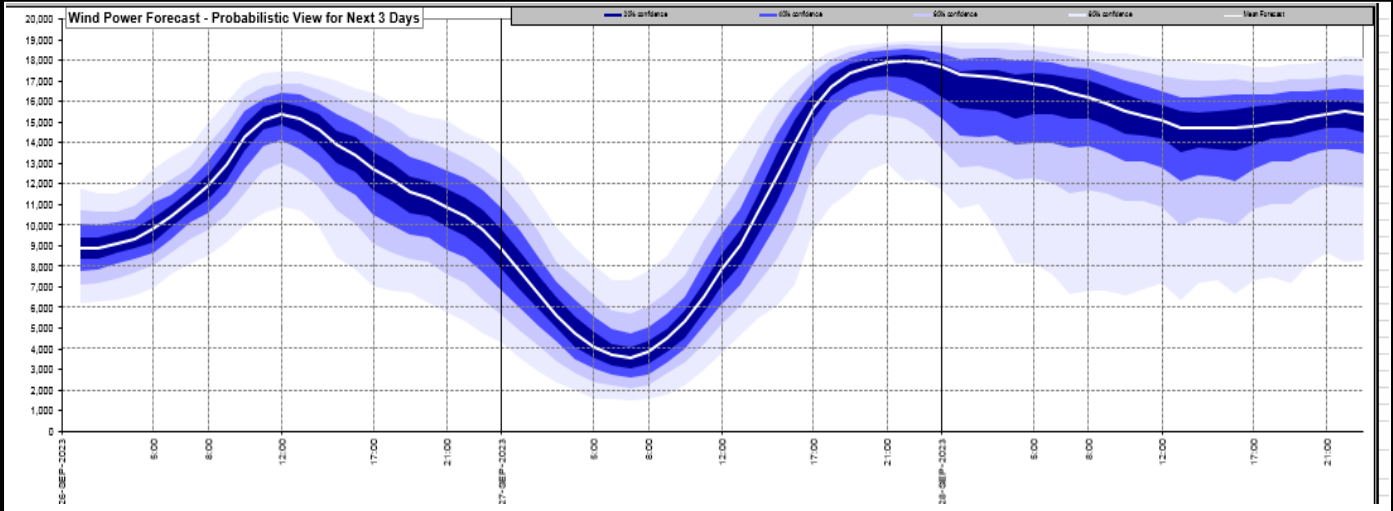
Today's Minimum De-Rated Margin	15903 (SP 9)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050MW



Yesterday's Market Summary	
Cash Out Price (Max)	£148 (SP 37)
Cash Out Price (Min)	-£89.70 (SP 11)
Peak Demand Yesterday	33, 578 MW
Minimum Demand	17, 960 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

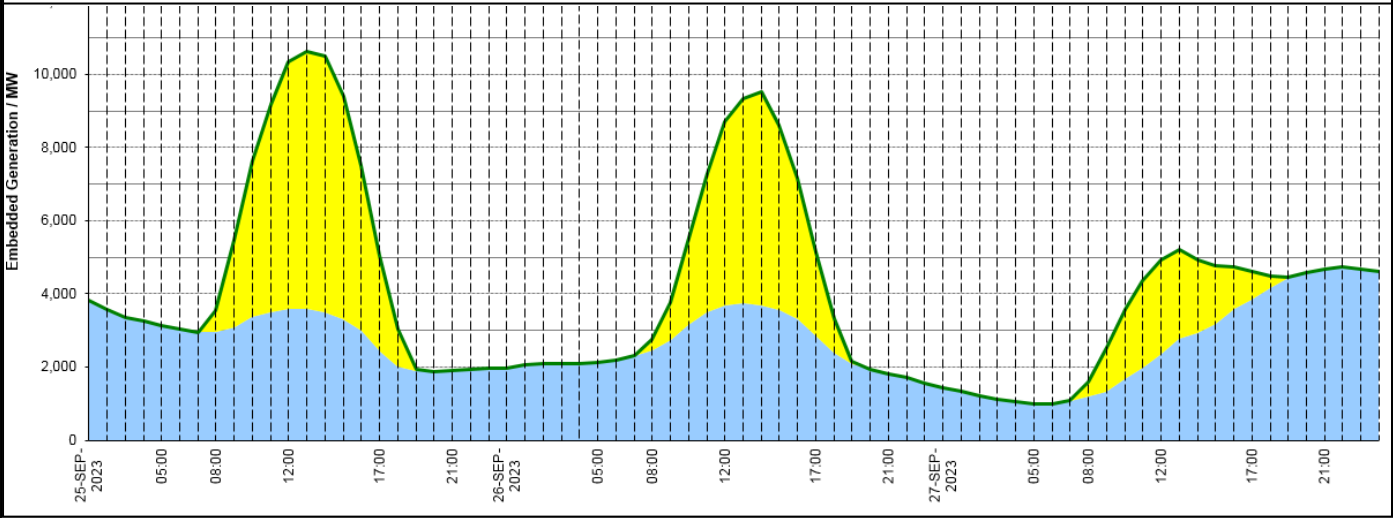
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	25-SEP-2023					26-SEP-2023					27-SEP-2023						
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00
Solar (MW)	0	574	6735	2636	0	0	0	287	5029	2313	0	0	0	398	2552	787	0
Wind (MW)	3144	2965	3600	2425	1897	1978	2142	2467	3674	2851	1825	1437	1002	1202	2377	3839	4663
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3144	3539	10335	5061	1897	1978	2142	2754	8703	5164	1825	1437	1002	1600	4929	4626	4663



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Showers and longer spells of rain at times, becoming mostly dry during the afternoon in the south, with light winds. Staying wet and windy in the north.</p> <p>Tonight: Showers dying out through the evening to give a largely dry night for all but the Western Isles. Winds becoming light for eastern England, but staying breezy elsewhere. A few mist and fog patches forming by dawn in the southeast.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar London & South East England North East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>Starts: 12:00 BST on Wed 27 September Ends: 07:00 BST on Thu 28 September Strong winds associated with Storm Agnes are expected to move northeast Wednesday, with the chance they could be significantly disruptive.</p> <ul style="list-style-type: none"> - There is a small chance of injuries and danger to life from flying debris - There is a slight chance of some damage to buildings, such as tiles blown from roofs

Weather	Source	Commentary
		<ul style="list-style-type: none"> - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Longer journey times are likely, or cancellations as road, rail, air and ferry services are affected. Some roads and bridges are likely to close. - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties; with a chance of some minor flooding of coastal roads. <p>Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 21:00 BST on Wed 27 September Ends: 06:00 BST on Thu 28 September A period of heavy rain late Wednesday through to early Thursday may cause some flooding in a few places</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely. - Some bus and train services probably affected, with journey times by road also taking longer with a chance of the odd road closure.
		<p>Flood Warnings</p> <p>0 flood warnings and 3 flood alerts issued for England.</p> <p>0 flood warnings and 1 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alerts issued for Wales.</p>

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/balancing-data/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs
NGESO Insights	https://www.nationalgrideso.com/insights